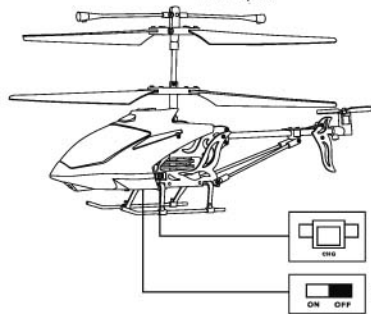


**i.onik<sup>®</sup>** Helicopter  
*fun*

**Instruction manual**

## Items included

Operating instructions  
Helicopter



(2) Sender (excl. 6 batteries 1.5 V AA)



Remote control



(3) USB charging cable



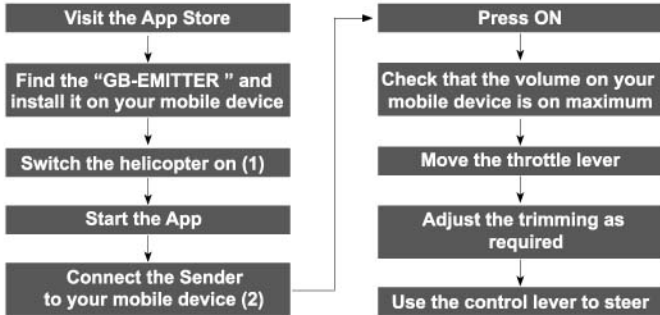
Spare stern propeller



Spare rotor blade (A + B)

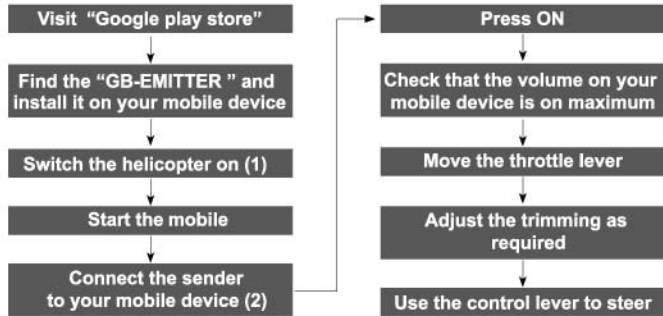
1

## Operation steps for APP system



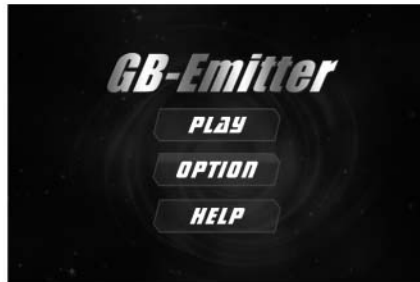
2

### Operation steps for ANDROID system



### Operations steps for interface choose

1. Enter main interface, choose "OPTION"



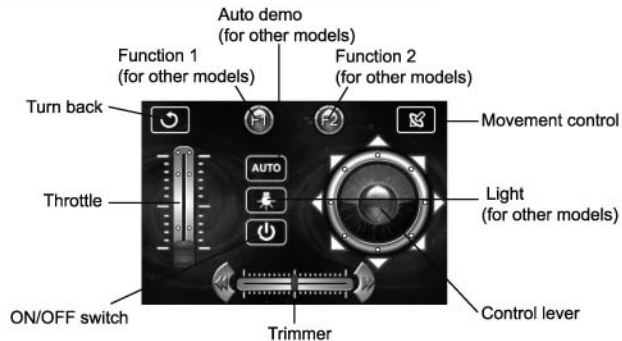
2. Enter "OPTION", select ID - Band A/B/C, then turn back to main interface, and choose "PLAY".



3. Enter "PLAY", choose "3.5CH" (4CH is for other models).



## Description of the GB-EMITTER control panel



## Functions

### 1. Power switch



Press the power switch, orange means ON, white means OFF.

### 2. Movement control



Press the button to fulfill forward/backward/left/right action controlled by movement of mobile.

### 3. Direction control



Press the button on the center to control the direction of the helicopter, go forward/backward, turn left/right.

### 4. Control settings

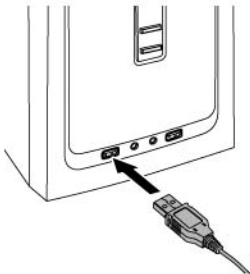
Press the left button to set the helicopter so that it does not move to the right



Press the right button to set the helicopter so that it does not move to the left.

## Charging

1. Connect the USB cable (3) to a powered USB connection on your computer.



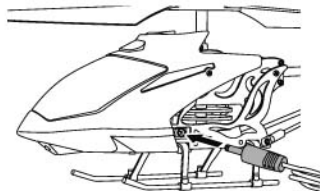
2. Connect the USB cable to the power jack of the sender. During charging, a red light will flash. As soon as the charging process is complete, the light will turn off.



### **Cautions:**

If the sender light is flashing red, power is low and the sender must be charged.

3. To charge the helicopter, turn it off and connect it to the charging cable (3). The light will turn on to indicate charging. As soon as the helicopter is fully charged, the light will turn off.



## Installation of the sender

Before starting, carefully connect the sender to your mobile device (see figure).



### ⚠ Caution

If the sender is not properly connected, unexpected disturbances may occur or the helicopter may receive incorrect signals.

## Control instructions

**Control range:** We recommend that you keep the helicopter within 10 m of the sender; anything beyond that radius will give you limited control of the helicopter.

**Caution:** Do not use the helicopter in the vicinity of air conditioning systems, fans, electric fans or ventilation pipes, or in windy conditions. You may lose control of the helicopter, causing damage to objects or the helicopter itself.

**Flying time:** With a fully charged battery and little wind, a flying time of at least 5 minutes is possible. For flying times of less than a minute, turn the helicopter off and charge.

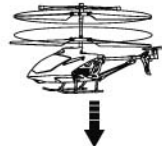
### 1. Take-off

Move the throttle up. The speed of the main rotor is increased and the helicopter takes off.



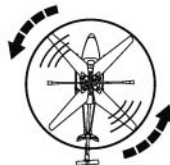
### 2. Landing

Move the throttle down. The speed of the main rotor is decreased and the helicopter lands.



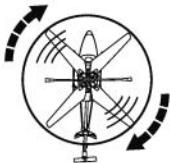
### 3. Turning left

Move the control lever towards the left. The nose of the helicopter will also turn towards the left.



#### 4. Turning right

Move the control lever to the right. The nose of the helicopter will also turn towards the right.



#### 5. Moving forward

Move the control lever up. The nose of the helicopter will move down and the helicopter will move forward.



#### 6. Moving back

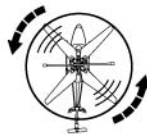
Move the control lever down. The nose of the helicopter will move up and the helicopter will move back.



### Steering

Turn the steering control on to set the direction of the helicopter. With the throttle lifted, move your hand as shown in the figure below to steer the helicopter in flight.

#### 1. Turn left



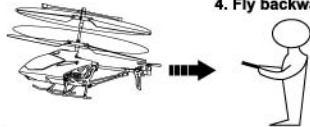
#### 2. Turn right



#### 3. Fly forwards



#### 4. Fly backwards



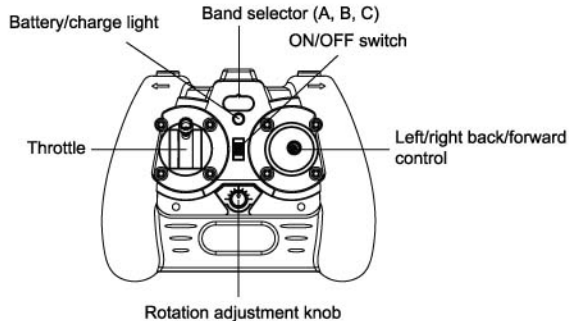


### **Other instructions**

If the helicopter does not respond, proceed as follows:

- Check that the sender is firmly connected to the iPod Touch/iPhone/iPad/Android device and that the volume is on maximum.
- Check that the light on the sender is flashing.  
This indicates the power supply to the sender.
- If the incorrect channel has been selected, try to find the correct one (A/B/C) by a process of elimination.
- Turn the sender off when you receive or make calls, as this can interfere with the control of the helicopter.
- Before using the helicopter, ensure that it is fully charged. A charging time of about 1 hour will ensure continuous use of about 10 minutes.

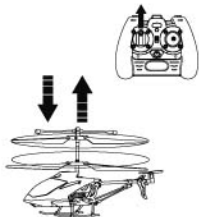
### **Description of remote control functions**



### 1. Take-off/Landing

Lift the throttle to increase the speed of the main rotor for helicopter take-off.

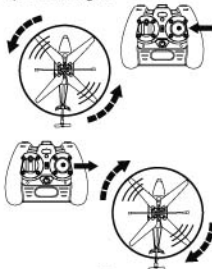
Lower the throttle to decrease the speed of the main rotor for landing the helicopter.



### 2. Turning right/left

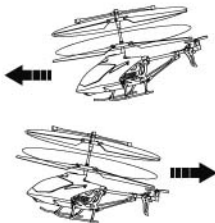
Move the control lever towards the left to turn the nose of the helicopter to the left.

Move the control lever towards the right to turn the nose of the helicopter to the right.



### 3. Moving forwards/backwards

Lift the control lever to direct the nose of the helicopter downwards and to allow it to move forward. Lower the control lever to direct the nose of the helicopter upwards and allow it to move back.



### Supported by

#### 1. IOS system:

Apple iPhone, iPod touch, iPad

#### 2. Andorid system:

HTC: G7, G10, G14, G18

SAMSUNG: S5830, I19100, I9220, 9103, SGH-T959, GALAXY S3

MOTOROLA: ME525, XT883

More models to be continue...

#### 3. Remote control included

### Safety instructions

1. The remote control range is affected by low battery charge of the sender or helicopter.
2. We recommend that you use the helicopter within a radius of 10 m of the sender. You may not be able to control the helicopter from greater distances.
3. If the helicopter is unable to take off or the flying time is noticeably reduced, check that the battery is charged. If the helicopter has not been used for some time, the battery may no longer operate at full charge.

4. If the helicopter is damaged during flight, inspect it before using it again and replace any damaged parts if required.
5. Do not make the helicopter crash deliberately since this can lead to permanent damage and you may injure yourself or other people.

### **Trouble shooting**

<b>Symptom</b>	<b>Cause</b>
Rotor blades don't turn.	<ul style="list-style-type: none"> <li>• Check whether the ON/OFF switch is ON.</li> <li>• Check whether the battery is sufficiently charged.</li> </ul>
The helicopter cannot fly very high or has come to a complete stop.	<ul style="list-style-type: none"> <li>• Charge the battery fully and try again.</li> </ul>
The helicopter does not respond at all.	<ul style="list-style-type: none"> <li>• Check whether you have selected the right channel.</li> </ul>
Loss of control of the helicopter.	<ul style="list-style-type: none"> <li>• Check for disturbances from other IR devices.</li> <li>• Strong light sources can affect the helicopter controls.</li> <li>• Try to use the helicopter in a different place.</li> </ul>